



Weatherford®

REAL RESULTS

OverDrive™ System Enhances Rig Floor Safety and Improves Casing-Running Efficiency, Offshore Australia

Objectives

- Improve efficiency and enhance rig floor safety during casing-running operations by providing an automated solution to help eliminate the need for working at height with conventional stabbers.

Results

- Weatherford's *OverDrive* system was deployed for casing-running operations and provided the operator with a fully automated system, that enabling faster makeup and break out without thread damage, higher volume circulation and the ability to rotate and push down casing.
- The remotely operated system eliminated the need for personnel in hazardous rig-floor areas.

Value to Client

- The automated *OverDrive* system helped the operator to improve casing-running efficiency, with peak run rates of up to 25 joints/hr.
- The ability to remotely control operations away from hazardous areas on the deck enabled the operator to reduce crew size and risk exposure with minimal manual handling of tubulars, significantly enhancing overall safety.

The *OverDrive* system is designed to provide a safer, more efficient alternative to conventional casing installation. Mounted to the rig's top drive, the *TorkDrive* 500 modular ICT tool combines several conventional casing-running tools into one (power tong, elevator, fill-up/circulation tool, and weight compensator) and features a universal actuator/compensator module and exchangeable clamping modules for a wide range of casing sizes.



Location

Northwest Shelf, Australia

Rig Name

Ocean Shield

Well Type

Vertical exploration

Hole Size

12-1/4 in.

Casing Size and Type

9 5/8-in., 47-lb/ft, VAM® TOP®, L80

Joints Run

201

Products/Services

- *TorkDrive* 500 tool
- Flush-mounted spider
- Hydraulic power unit
- Stabberless® single-joint elevator

VAM TOP is a registered trademark of Vallourec Mannesmann Oil & Gas France Corporation.

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